

General Purpose Gauges

USG Location: Clawson, MI

General Purpose 1-1/2", 2", 2-1/2", 3-1/2", and 4-1/2" - Copper-Alloy Wetted Material

MODEL 500

Description:

CASE and RING: Painted black steel case and friction ring

WINDOW: Polycarbonate (1-1/2" only); Glass for 2", 2 -1/2", 3 -1/2", and 4 -1/2"

POINTER: Black, aluminum

DIAL: Galvanized aluminum with white background and black markings

MOVEMENT: Brass

BOURDON TUBE: Phosphor Bronze (30 PSI - 4000 PSI); Beryllium Copper (VAC, 15 PSI, 5000 PSI and above)

CONNECTION: 1-1/2" - 1/8-27 NPT Low and Center Back Mount
 2" - 1/8-27 NPT and 1/4-18 NPT Low Mount and Center Back Mount
 2-1/2" - 1/8-27 NPT and 1/4-18 NPT Low Mount and Center Back Mount
 3-1/2" - 1/4-18 NPT Low Mount
 4-1/2" - 1/4-18 NPT Low Mount

ACCURACY: ±3-2-3% of span (Grade B)



Figure 1: Model 500, shown with 1-1/2" and 2" with LM and CBM Connections and optional custom dial

Standard Model	List Price
1-1/2" Case, 1/8" NPT, LM and CBM, all pressures	\$ 11.70
2" Case, 1/8" and 1/4" NPT, LM and CBM, all pressures	\$ 9.20
2-1/2" Case, 1/8" and 1/4" NPT, LM and CBM, all pressures	\$ 15.10
3-1/2" Case, 1/4" NPT, LM, all pressures	\$ 16.90
4-1/2" Case, 1/4" NPT, LM, all pressures	\$ 27.50

Options:	List Adder
Metric or Dual Scale Option ¹	\$ 0.00
NIST Certification	\$ 160.00

Bulk Quantity & Pricing²

Size & Connection	Quantity/box	List Price
1-1/2" LM	200	\$ 9.00
1-1/2" CBM	150	\$ 9.00
2" LM	125	\$ 7.30
2" CBM	100	\$ 7.30
2-1/2" LM	100	\$ 9.30
2-1/2" CBM	75	\$ 9.30
3-1/2" LM	50	\$ 14.00
4-1/2" LM	25	\$ 25.30

¹ Contact USG Sales for availability and delivery, may be subject to minimum buy quantity

² Price is per unit, applicable for pressure ranges 30 PSI through 300 PSI only.

Master Gauge Co.



WHEN UNDER PRESSURE THINK OF US!

1150 W. GRAND AVE. CHICAGO, IL 60642 - TOLL-FREE: 1-800-259-2705 - PHONE: 1-312-666-2705 - FAX: 1-312-666-6458 - MASTERGAUGE.CO.COM

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MODEL 500

Gauge Size:	1-1/2"		2"		2-1/2"	
Connection Size:	1/8" LM	1/8" CBM	1/8" LM	1/8" CBM	1/8" LM	
Dial Scale ¹ :	PSI		PSI		PSI	
Pressure Range:	Spec No.	Spec No.	Spec No.	Spec No.	Spec No.	
VAC 0 - 30" Hg	146020A	146021A	047225A	-	-	
30" - 0 - 15 PSI	-	-	066662A	-	-	
30" - 0 - 60 PSI	-	-	047925A	-	-	
30" - 0 - 150 PSI	-	-	049609A	-	-	
0 - 15 PSI	146000A	146010A	052420A	-	-	
0 - 30 PSI	166327	166320	163931	163930	059306A	
0 - 60 PSI	146002A	166321	164005	055155A	058129A	
0 - 100 PSI	166318	166322	163271	046776A	049660A	
0 - 160 PSI	146004A	166323	048302A	070791A	048536A	
0 - 200 PSI	166777	146015A	046645A	102673A	050852A	
0 - 300 PSI	146006A	146016A	048363A	051805A	046647A	
0 - 600 PSI	146007A	146017A	-	-	-	
0 - 1,000 PSI	146008A	146018A	-	-	-	
0 - 2,000 PSI	146009A	146019A	-	-	-	

Gauge Size:	2"		2-1/2"		3-1/2"	4-1/2"
Connection Size:	1/4" LM	1/4" CBM	1/4" LM	1/4" CBM	1/4" LM	1/4" LM
Dial Scale ¹ :	PSI		PSI		PSI	PSI
Pressure Range:	Spec No.	Spec No.	Spec No.	Spec No.	Spec No.	Spec No.
VAC 0 - 30" Hg	163712	164042A	171222A	-	171223A	005333A
30" - 0 - 15 PSI	047000A	-	047001A	-	005493A	063754A
30" - 0 - 30 PSI	167218	168278A	047105A	-	005495A	005549A
30" - 0 - 60 PSI	057548A	-	046646A	-	005496A	012290A
30" - 0 - 150 PSI	050517A	-	047411A	-	005499A	012292A
30" - 0 - 300 PSI	-	-	058156A	-	015936A	-
0 - 15 PSI	047615A	046987A	047102A	052827A	005502A	005546A
0 - 30 PSI	163149	163949	163278	165213	168536	005804A
0 - 60 PSI	163269	163272	163279	165214	168537	005551A
0 - 100 PSI	162988	163273	163280	163284	168538	005554A
0 - 160 PSI	163270	163274	163281	163285	168539	005559A
0 - 200 PSI	163147	163275	163282	163286	168540	005561A
0 - 300 PSI	163148	163276	163283	163287	168541	005563A
0 - 400 PSI	047492A	-	049611A	-	005515A	012265A
0 - 600 PSI	047493A	046991A	046648A	050851A	005516A	005337A
0 - 1,000 PSI	047494A	-	047496A	050870A	005519A	012266A
0 - 2,000 PSI	-	-	171398A	171399A	-	-
0 - 3,000 PSI	-	-	171400A	171401A	-	-
0 - 5,000 PSI	-	-	143072A	-	-	-

¹Contact USG Sales for dual scale or metric dial options.

Notes:

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